

Socket Head Cap Screws

Technical drawings and 3-D models available for items with this symbol.



For information about socket head cap screw thread lengths, dimensions, and hex keys, see [page 2898](#).

Stainless Steel



Fully Threaded[‡]



Partially Threaded

All of these cap screws have a Class 3A thread fit. Rockwell hardness is B100. Minimum tensile strength is 100,000 psi. Length is measured from under head. Screws indicated with a [‡] are always fully threaded. **18-8 stainless steel** offers excellent corrosion resistance. It may be mildly magnetic.

Military specification 300 series stainless steel screws are not only corrosion resistant, but they also meet more stringent specifications than standard screws. Coarse thread screws meet Mil. Spec. 16995; fine thread screws meet Mil. Spec. 16996. Made in the U.S.A. Passivated (a nitric acid treatment that creates a passive film to protect the stainless steel from oxidation and corrosion) to QQ-P-35. Meet FF-S-86.

Type 316 stainless steel is more corrosion resistant than 18-8 stainless steel and just as strong. It's nonmagnetic, and contains molybdenum that helps it withstand many industrial chemicals and solvents, as well as pitting caused by chlorides.

Lg.	Pkg. Qty.	Per Pkg.	Lg.	Pkg. Qty.	Per Pkg.	Lg.	Pkg. Qty.	Per Pkg.	Lg.	Pkg. Qty.	Per Pkg.		
18-8 Stainless Steel						18-8 Stainless Steel (Cont.)							
0-80						10-32 (Cont.)							
1/8"	100	92196A052	\$5.75	3/8"	100	92196A054	6.03	3 1/2"	5	92196A284	\$12.70		
3/16"	100	92196A054	6.03	1/2"	100	92196A057	6.87	4"	5	92196A286	8.60		
1/4"	100	92196A055	6.31	3/4"	100	92196A060	8.04	5"	1	92196A288	3.02		
5/16"	100	92196A056	6.59	1"	100	92196A063	9.53	6"	1	92196A290	3.23		
3/8"	100	92196A057	6.87	1 1/8"	100	92196A066	9.82	1 1/4"	5	92196A261	6.57		
1/2"	100	92196A070	11.97	1 1/2"	100	92196A068	10.16	1 1/2"	5	92196A261	6.57		
1-72						5/16"-18 (Cont.)							
1/8"	100	92196A063	9.53	3/16"	100	92196A076	5.25	5"	1	92196A604	\$2.88		
3/16"	100	92196A065	9.66	1/4"	100	92196A077	5.28	6"	1	92196A606	3.22		
1/4"	100	92196A066	9.82	5/16"	100	92196A078	5.45	5/16"-24					
3/8"	100	92196A068	10.16	3/8"	100	92196A079	5.63	1/2"	25	92196A335	6.59		
1/8"	100	92196A074	5.07	7/16"	100	92196A082	5.81	3/8"	25	92196A337	7.13		
3/16"	100	92196A076	5.25	1/2"	100	92196A081	5.73	1/2"	25	92196A339	7.66		
1/4"	100	92196A077	5.28	3/4"	100	92196A084	7.84	3/4"	25	92196A341	8.04		
5/16"	100	92196A078	5.45	1"	100	92196A086	10.74	1"	25	92196A343	8.77		
3/8"	100	92196A079	5.63	1 1/4"	100	92196A140	11.19	1 1/4"	25	92196A344	4.68		
7/16"	100	92196A082	5.81	1 1/2"	25	92196A141	10.77	1 1/2"	10	92196A345	5.49		
1/2"	100	92196A081	5.73	3-48				2"	10	92196A346	6.21		
3/4"	100	92196A083	6.63	3/16"	100	92196A091	11.82	2 1/2"	10	92196A347	6.93		
1"	100	92196A084	7.84	3/8"	100	92196A092	11.97	3"	5	92196A349	4.40		
1 1/8"	100	92196A086	10.74	1/2"	100	92196A101	10.79	3 1/2"	5	92196A351	9.55		
1 1/4"	25	92196A140	11.19	3/4"	100	92196A102	11.32	4"	1	92196A353	3.21		
1 1/2"	25	92196A141	10.77	1-40				3/8"-16					
3-48						1/8"	100	92196A103	7.32	3/8"	10	92196A618	7.11
3/16"	100	92196A091	11.82	3/16"	100	92196A105	5.54	1/2"	25	92196A619	9.20		
3/8"	100	92196A092	11.97	1/4"	100	92196A106	3.36	3/4"	25	92196A621	7.73		
1"	100	92196A101	10.79	5/16"	100	92196A107	3.41	1"	25	92196A622	6.79		
1 1/2"	100	92196A102	11.32	3/8"	100	92196A108	3.54	1 1/4"	25	92196A623	7.20		
4-40						7/16"	100	92196A109	3.82	1"	25	92196A624	7.57
1/8"	100	92196A103	7.32	1"	100	92196A110	3.98	1 1/4"	25	92196A626	8.41		
3/16"	100	92196A105	5.54	1 1/2"	100	92196A111	5.03	1 1/2"	25	92196A628	9.20		
1/4"	100	92196A106	3.36	3/4"	100	92196A112	4.09	1 3/4"	10	92196A630	4.53		
5/16"	100	92196A107	3.41	1"	100	92196A113	4.42	2"	10	92196A632	5.02		
3/8"	100	92196A108	3.54	1 1/8"	100	92196A114	4.82	2 1/2"	10	92196A633	6.12		
7/16"	100	92196A109	3.82	1 1/2"	100	92196A115	5.41	2 3/4"	10	92196A635	7.56		
1/2"	100	92196A110	3.98	2"	100	92196A116	5.83	3"	10	92196A636	8.07		
5/8"	100	92196A111	5.03	2 1/4"	100	92196A117	6.13	3 1/4"	5	92196A637	6.07		
3/4"	100	92196A112	4.09	2 1/2"	100	92196A118	6.43	3 1/2"	5	92196A638	7.46		
1"	100	92196A113	4.42	3"	100	92196A119	10.31	3 3/4"	5	92196A639	9.15		
1 1/8"	100	92196A114	4.82	5-40				4"	5	92196A640	9.90		
1 1/2"	100	92196A115	5.41	1/8"	100	92196A125	10.74	4 1/2"	1	92196A642	2.81		
2"	100	92196A116	5.83	3/16"	100	92196A126	10.74	5"	1	92196A644	3.23		
2 1/4"	100	92196A117	6.13	1/2"	100	92196A128	11.59	5 1/2"	1	92196A646	5.89		
2 1/2"	100	92196A118	6.43	5/8"	100	92196A130	14.33	6"	1	92196A648	4.05		
3"	100	92196A119	10.31	3/4"	50	92196A131	9.78	6 1/2"	1	92196A649	5.06		
5-40						1"	50	92196A129	9.17	7"	1	92196A651	5.35
1/8"	100	92196A125	10.74	3-62				8"	1	92196A654	5.64		
3/16"	100	92196A126	10.74	1/8"	100	92196A139	8.72	3/8"-24					
1/2"	100	92196A128	11.59	3/16"	100	92196A143	9.39	3/8"	10	92196A655	6.80		
5/8"	100	92196A130	14.33	1/4"	100	92196A144	4.32	1/2"	10	92196A656	7.50		
3/4"	50	92196A131	9.78	5/16"	100	92196A145	4.41	3/4"	5	92196A657	4.72		
1"	50	92196A129	9.17	3/8"	100	92196A146	4.57	1"	10	92196A359	5.39		
6-32						7/16"	100	92196A147	4.67	1 1/4"	10	92196A361	6.09
1/8"	50	92196A139	8.72	1"	100	92196A148	4.77	1 1/2"	10	92196A363	6.85		
3/16"	100	92196A143	9.39	1 1/8"	100	92196A149	13.09	1 3/4"	10	92196A364	7.58		
1/4"	100	92196A144	4.32	1 1/2"	100	92196A150	4.84	2"	5	92196A365	4.34		
5/16"	100	92196A145	4.41	3/4"	100	92196A151	4.94	2 1/2"	5	92196A367	5.13		
3/8"	100	92196A146	4.57	1"	100	92196A152	5.40	3"	5	92196A369	7.58		
7/16"	100	92196A147	4.67	1 1/4"	100	92196A153	5.83	3 1/2"	5	92196A371	12.70		
1"	100	92196A148	4.77	1 1/2"	100	92196A154	7.02	4"	1	92196A373	3.49		
1 1/8"	100	92196A149	13.09	1 3/4"	100	92196A155	7.72	4 1/2"	1	92196A374	3.88		
1 1/2"	100	92196A150	4.84	2"	100	92196A157	10.69	5"	1	92196A376	4.23		
3/4"	100	92196A151	4.94	2 1/4"	100	92196A158	11.01	6"	1	92196A378	5.18		
7/8"	100	92196A152	5.40	2 1/2"	100	92196A159	11.33	3/16"-14					
1"	100	92196A153	5.83	3"	100	92196A160	11.65	3/16"	5	92196A667	6.37		
1 1/8"	50	92196A154	7.02	3 1/4"	100	92196A161	11.97	1"	5	92196A669	6.73		
1 1/4"	100	92196A155	7.72	3 1/2"	100	92196A162	12.29	1 1/4"	5	92196A671	7.90		
1 1/2"	100	92196A157	10.69	4"	100	92196A163	12.59	1 1/2"	5	92196A673	7.94		
				4 1/2"	100	92196A164	12.89	1 3/4"	5	92196A675	9.09		
								2"	5	92196A677	9.69		
								2 1/2"	1	92196A679	3.24		
								3"	1	92196A681	3.52		